



GAU- 2871

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TECHNOLOGY CENTER 2800

Inventor : YASUHIRO SATO

Serial No. : 09/504,998

Filed : February 15, 2000

Title : STRUCTURE FOR MOUNTING A LIQUID CRYSTAL  
MODULE, AND PORTABLE DATA TERMINAL OR  
INFORMATION PROCESSING EQUIPMENT USING  
THIS STRUCTURE

Examiner :

Group Art Unit : 2871

June 6, 2000

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

S I R:

In order to comply with discretionary rules 37 CFR §§1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

Also, attached is a copy of the Japanese Office Action dated December 21, 1999. As the cited references are in the Japanese language, attached thereto is a translation of the Japanese Examiner's comments, to meet with 37CFR 1.98(a)(3) requirements.

As this Statement is being filed prior to issuance of a first Office Action, no fee is due.

As these documents are written in a language other than English, English language abstracts are annexed thereto explaining their relevancy in accordance with 37 CFR §1.98(a)(3).

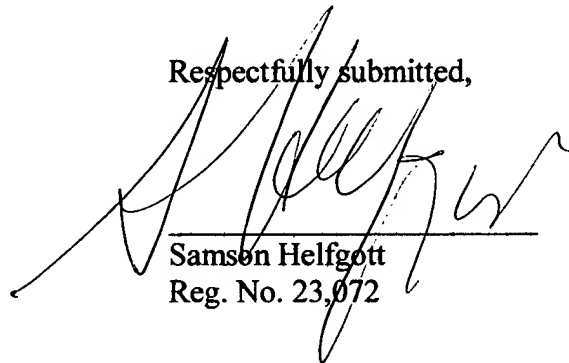
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The present Disclosure Statement is being submitted in compliance with 37 CFR §1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR §§1.104 (a) and 1.106 (b), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

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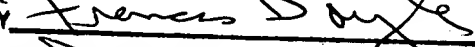
Respectfully submitted,



Samson Helfgott  
Reg. No. 23,072

HELFGOTT & KARAS, P.C.  
EMPIRE STATE BUILDING  
60TH FLOOR  
NEW YORK, NEW YORK 10118  
(212) 643-5000  
DOCKET NO.: NECF 17.054  
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20231, ON THE DATE INDICATED BELOW.

BY   
DATE June 6, 2000

- Claim: 1
- Cited reference, etc.: 1
- Remarks

Cited reference 1 describes the point that a pullout part is provided that pulls out in the direction parallel to the display surface on the upper and lower edges of the liquid crystal module, through-hole 10 that goes through the pullout part in the thickness direction is formed, and the connection part is connected through the through-hole to the baseplate and the frame.

Also to apply the liquid crystal module attachment structure of the invention described in cited

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Continued

reference 1 to a liquid crystal module built into a cover that covers the main unit of a computer, which was known prior to filing of this application, is not deemed to be anything special.

- Claim: 2
- Cited reference, etc.: 1
- Remarks

To provide a reinforcement member on the edge of the liquid crystal module and to provide a through-hole in said reinforcement part is nothing more than technology that was known prior to the filing of this application (see, for example, publication of unexamined patent S54-151054 [1979], publication of unexamined patent H7-261189 [1995]).

- Claims: 3-5
- Cited reference, etc.: 1
- Remarks

The point that the upper and lower edges of the liquid crystal module are held fast between the baseplate and the outer frame, the point that protrusion part 6, which goes through the through-hole in the baseplate, is provided and joining parts 13 and 14, which joint with the protrusion part on the outer frame, are provided, and the point that it has screw members on the connection part, are all described in cited reference 1.

- Claim: 6
- Cited reference, etc.: 1
- Remarks

To apply the liquid crystal module attachment structure of the invention described in cited reference 1 to a liquid crystal module built into a cover that covers the main unit of a computer, which was known prior to filing of this application, is not deemed to be anything special.

Table of cited references, etc.

1. Microfilm of utility model application S53-158548 [1978] (unexamined utility model application S55-73070 [1980])

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Record of results of search of prior technical literature

- Field searched: IPC version 6  
G09F9/00

Continued on next page

- Prior technical literature

Unexamined utility model S62-137468 [1987]

Unexamined patent application H9-258177 [1997]

Registered utility model No. 3001011

Unexamined utility model application H1-94983 [1989]

Unexamined patent application H8-234678 [1996]

The record of the results of this search of the prior technical literature does not constitute grounds for rejection.